

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/807,014	ZHAO ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	John S. Brusca	1631	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS**. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to \_\_\_\_\_.
2.  The allowed claim(s) is/are 1-17.
3.  The drawings filed on 06 April 2001 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: PCT/US99/23275.

5.  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - (a)  The translation of the foreign language provisional application has been received.
6.  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

7.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8.  CORRECTED DRAWINGS must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  
1)  hereto or 2)  to Paper No. \_\_\_\_\_.
  - (b)  including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____.
5 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. <u>1</u> .	6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment
7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material	8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance
	9 <input type="checkbox"/> Other _____.

**DETAILED ACTION**

1. For the purpose of examination the preamble of all claims has been interpreted to define the type of filamentous organism recited in the steps of the method or property of the apparatus claimed to be a filamentous organism of the type present in biological waste water treatment processes.
2. The applicants were informed that apparently through Office error the application file does not have a complete copy of the rule 63 Declaration filed 20 September 2001. The applicants agreed in a telephonic interview on 23 October 2003 to submit a copy of the declaration to complete the application file.

***Priority***

3. Acknowledgment is made of applicant's claim for foreign priority based on an International application filed on 06 October 1999. It is noted, however, that applicant has not filed a certified copy of the International application as required by 35 U.S.C. 119(b). It is further brought to the applicants attention that the claim for foreign priority refers to the instant application under prosecution and therefore has the same filing date as the instant application. The instant application claims priority to U.S. Provisional application No. 60/103462 which has an earlier filing date than the instant application. For the purposes of processing at the USPTO, the inappropriate claim for foreign priority to the instant application will be ignored.

***Information Disclosure Statement***

4. The reference Emmrich et al cited in the Information Disclosure Statement filed 06 April 2001 has been considered only to the extent of the English language abstract.

#### **EXAMINER'S AMENDMENT**

5. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Phillip Free on 23 October 2003.

The application has been amended as follows:

Before the first sentence of the specification the following sentence has been inserted:

This application claims the benefit of U.S. Provisional Application No. 60/103,462, filed 10/07/1998.

#### ***Reasons for Allowance***

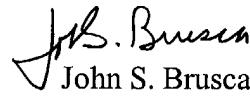
6. The following is an examiner's statement of reasons for allowance: The closest prior art is Williams et al. Williams et al. shows some morphological characteristics of filamentous bacteria isolated from biological waste water processing plants. Williams et al. does not show the instant claimed systematic method of identification of filamentous organisms isolated from biological waste waster processing plants that includes a step of consideration of the presence or absence of sulfur granules and bacterial growth attached to the sheath of the filamentous organisms. Williams et al. does not show the claimed apparatus.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John S. Brusca whose telephone number is 703 308-4231. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Woodward can be reached on 703 308-4025. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308-0196.

  
John S. Brusca  
Primary Examiner  
Art Unit 1631

jsb